

**Experiment Number:** C16008-01

**Test Type:** TOX

**Route:** Dosing in Bedding

**Species/Strain:** Mouse/B6C3F1/N

**PA43: Hematology Summary**

**Test Compound:** Crumbrubber various

**CAS Number:** CRUMBRUBBERVARIOUS

**Date Report Requested:** 03/08/2018

**Time Report Requested:** 10:58:39

**Lab:** Battelle

**C Number:**

C16008-01

**Cage Range:**

All

**Date Range:**

All

**Reasons For Removal:**

All

**Removal Date Range:**

All

**Treatment Groups:**

All

**Study Gender:**

Female

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**Female: Core Females**

	Phase Day	Treatment Groups (wt./wt.)	
		0:0	50:50
Hematocrit (%)	SD 14	54.3 ± 0.8 (10)	53.0 ± 0.7 (10)
Percent of Control			97.6
Manual Hematocrit (%)	SD 14	52.0 ± 0.8 (9)	49.6 ± 0.8 (10) *
Percent of Control			95.4
Hemoglobin (g/dL)	SD 14	15.7 ± 0.2 (10)	15.4 ± 0.1 (10)
Percent of Control			98.5
Erythrocytes (10 <sup>6</sup> /uL)	SD 14	10.30 ± 0.14 (10)	10.15 ± 0.10 (10)
Percent of Control			98.55
Reticulocytes (10 <sup>3</sup> /uL)	SD 14	260.8 ± 15.3 (10)	285.0 ± 19.6 (10)
Percent of Control			109.3
Mean Cell Volume (fL)	SD 14	52.7 ± 0.2 (10)	52.2 ± 0.3 (10)
Percent of Control			99.0
Mean Cell Hemoglobin (pg)	SD 14	15.2 ± 0.0 (10)	15.2 ± 0.0 (10)
Percent of Control			100.0
Mean Cell Hemoglobin Concentration (g/dL)	SD 14	28.9 ± 0.1 (10)	29.2 ± 0.2 (10)
Percent of Control			101.0
Platelets (10 <sup>3</sup> /uL)	SD 14	917 ± 40 (10)	869 ± 44 (10)
Percent of Control			95
White Blood Cells (10 <sup>3</sup> /uL)	SD 14	3.29 ± 0.23 (10)	4.27 ± 0.29 (10) *
Percent of Control			130.02
Neutrophils (10 <sup>3</sup> /uL)	SD 14	0.36 ± 0.05 (10)	0.43 ± 0.04 (10)
Percent of Control			120.11

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**Female: Core Females**

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	Phase Day	Treatment Groups (wt./wt.)	
		0:0	50:50
Lymphocytes (10 <sup>3</sup> /uL) Percent of Control	SD 14	2.73 ± 0.19 (10)	3.58 ± 0.24 (10) * 131.06
Monocytes (10 <sup>3</sup> /uL) Percent of Control	SD 14	0.06 ± 0.01 (10)	0.07 ± 0.01 (10) 125.45
Basophils (10 <sup>3</sup> /uL) Percent of Control	SD 14	0.01 ± 0.00 (10)	0.01 ± 0.00 (10) 111.11
Eosinophils (10 <sup>3</sup> /uL) Percent of Control	SD 14	0.12 ± 0.01 (10)	0.16 ± 0.04 (10) 135.83
Large Unstained Cells (10 <sup>3</sup> /uL) Percent of Control	SD 14	0.01 ± 0.00 (10)	0.02 ± 0.00 (10) 158.33

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LEGEND

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Values given as mean  $\pm$  SEM (N) with Percent of Control calculated by (dosed group mean / control group mean) x 100

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

Hematology for gestation phase includes pregnant females only

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests (unless otherwise noted).

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

Statistical analysis performed using the Mann-Whitney U test for comparing the two groups.

**\*\* END OF REPORT \*\***